

MARGACH

Automatic

Metal Feeder

*The universal feeder
for all typesetting and
typesetting machines*



Manufactured by
Margach Manufacturing Company
INC.

47 Wooster Street, New York 13, N. Y.

INSTRUCTIONS

MARGACH AUTOMATIC METAL FEEDER

How to Attach the Margach Feeder to Linotype or Intertype Machines

1. The accompanying photos show how the feeder is attached. The first operation on old machines should be the drilling of $\frac{1}{4}$ inch hole for the float chain in the pot cover, 2 inches back of chimney. The small chain shown in Fig. A is the float chain. On the Linotype this hole should be drilled about $2\frac{1}{2}$ inches back of the center of chimney. All the later models will be found with a hole already in the pot cover through which the chain may pass. On the Intertype drill hole so as to bring float well into the back corner of the pot. On the electric pots a guide plate is fastened under the screw at the front inside corner of pot, and the float rod rides through the slot.

2. The pipe bracket may next be put up. Different makes and models require slightly different details in this bracket, but a study of the illustration will enable anyone to attach without difficulty. The bracket is adjustable to any position and should be perpendicular before feeder is hung on. The strings should not be cut until feeder is on bracket. When feeder is in place hang pigs on hooks and get feeder in such a position that pigs will be well forward in pot. The bracket being adjustable, will enable you to do this.

3. In Fig. B is shown a small arm or lever clamped to the first elevator lever. There are two different styles of these arms (Model 9 arms are 18 inches long) but they are attached so as to bring the "eye" through which the operating chain passes in the position shown. The power to operate feeder is taken from this arm. When arm is in position as shown, loop operating chain up "to operating length" (see Fig. A), and pass end of chain down back of pot (inside the lug) down through eye in arm. Turn machine to casting position and draw chain as far through eye as it will go and move up nuts on bolt until chain is tight. **IT IS ABSOLUTELY NECESSARY** that the operating chain be drawn tight when machine is in casting position. This is the only adjustment, but it must be maintained.

4. The chain may be unhooked above the pot when running pigs down by hand, or when it is desirable to throw feeder out of action entirely.

5. It may be necessary to shorten the float chain two or three links. These can most easily be removed from the upper end. The four holes in latch (float rocker back of feeder) will give a variation in height of metal without changing length of float chain.

6. Last and again — operating chain must be tight when first elevator is at its lowest point.

ADDITIONAL INSTRUCTIONS

On Models 9 and 24 and all 42-em Linotypes, the arm that operates the chain is attached at rear end of first elevator where the Shaft goes through, then follow directions as described in Paragraph 3 above.

On INTERTYPE machines, all models are identical so far as attaching the feeders are concerned, their only difference with the Linotype being that the angle of pipe bracket is different, the elbows being set so that they almost touch the pot pump spring. The 42-em machine operating arm, however, is attached similar to Model 9 in above.

To briefly summarize the aforementioned instructions, in order to attain the desired results, it is necessary, at each revolution of the typesetting machine, that the sliding weight on side of feeder raises above the latch so that the float chain, which hangs from this latch, will freely perform its duty. This is the reason we particularly note to make fairly tight the operating chain by screwing up the nuts on bolt when lever is at its lowest point.

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Costs Absolutely Nothing to Maintain

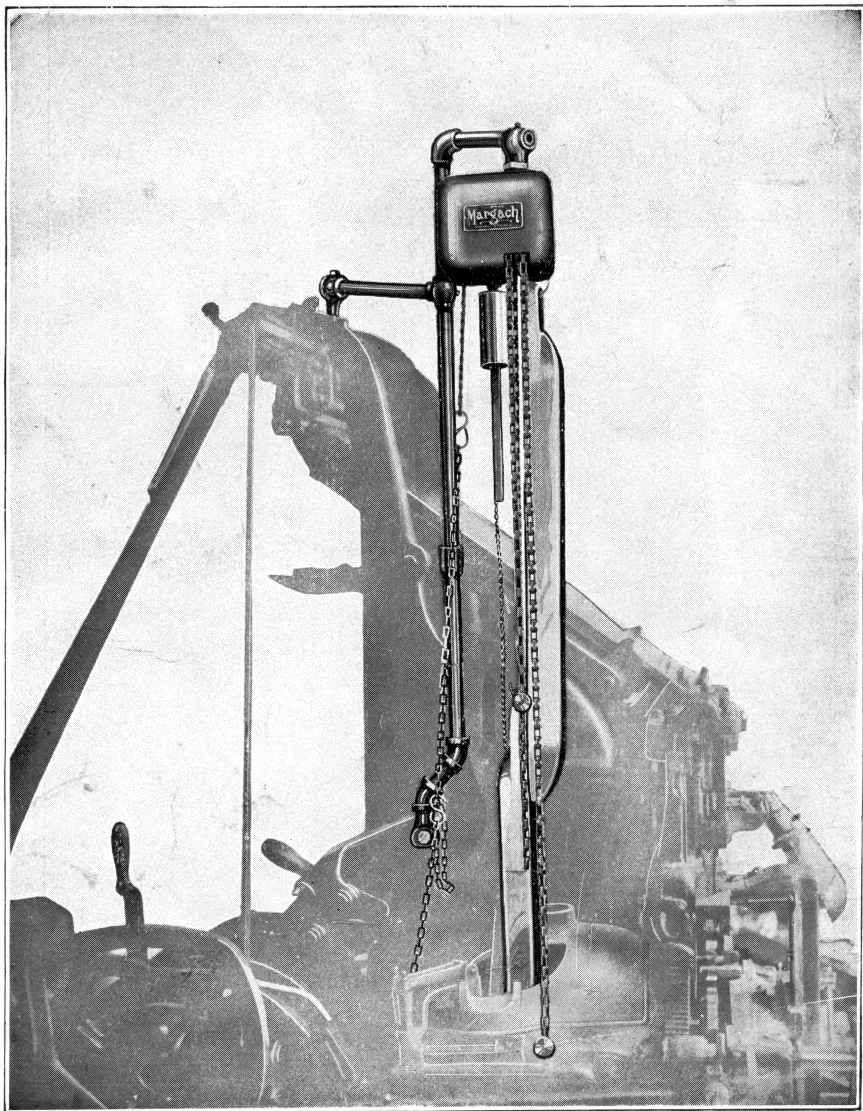


Fig. A

Feeder applied to either Linotype or Intertype

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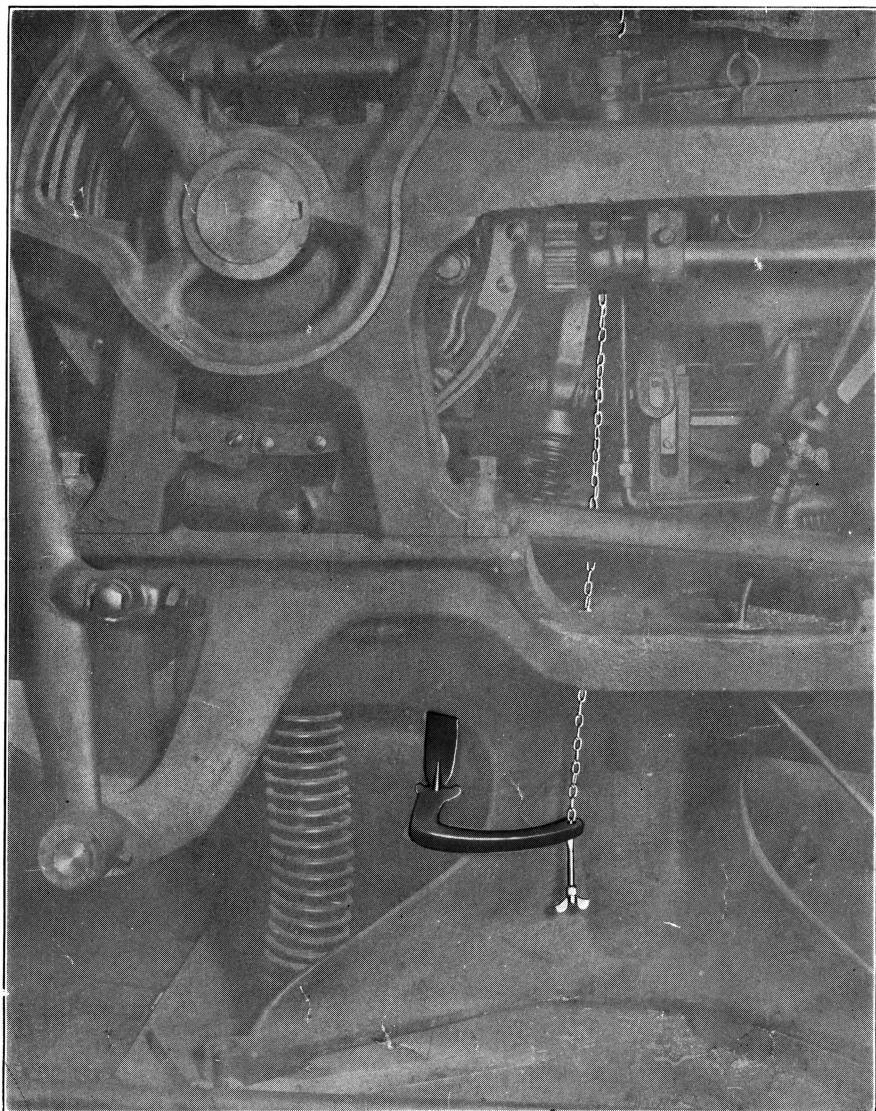
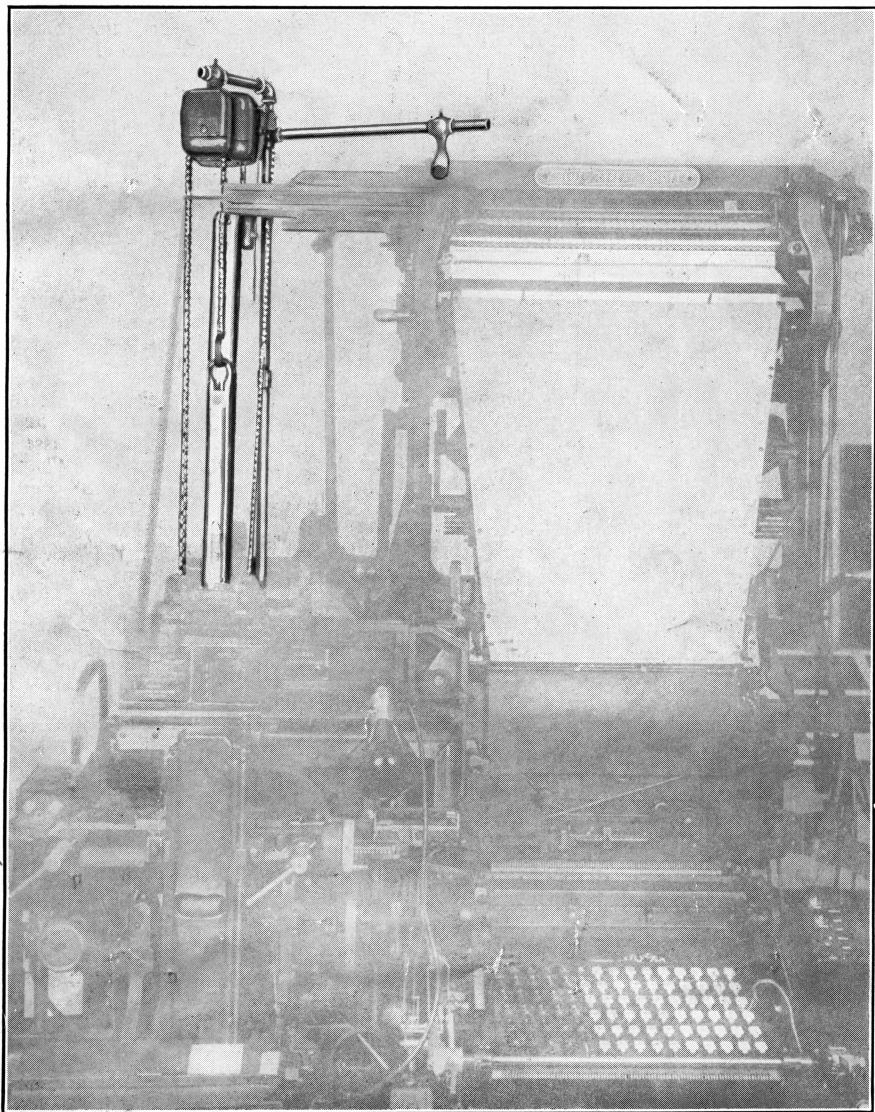


Fig. B

Clamp applied to Linotype or Intertype First Elevator Arm, When Machine is in Home Position

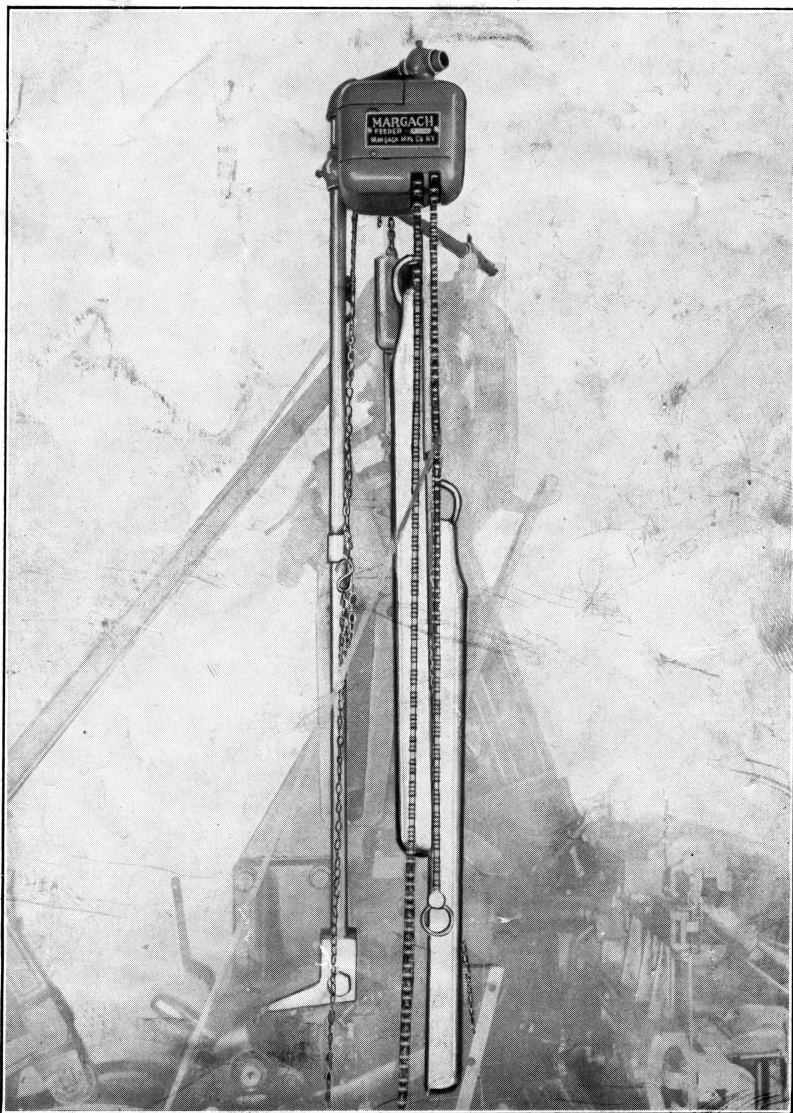
MARGACH AUTOMATIC METAL FEEDER

Front View of Feeder on COMET



MARGACH AUTOMATIC METAL FEEDER

Side View of Feeder on COMET



(Stop button on RIGHT hand chain, 10th link above pig hook, to prevent pig of metal from being raised high enough to interfere with movement of matrix shifter slide.)